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(1)-Dimethylamino-propyl-(1)-phenyl-phthalanes - subst. in positions (5)  
and (4') by halo, trifluoromethyl, cyano or acyl, are antidepressants

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Number of Countries: 015 Number of Patents: 022

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
BE 850401	A	19770714			197729	B
DE 2657013	A	19770728			197731	
NL 7700244	A	19770718			197731	
SE 7614201	A	19770808			197734	
NO 7700109	A	19770808			197735	
FI 7700073	A	19770831			197738	
DK 7700131	A	19770912			197740	
JP 52105162	A	19770903			197741	
FR 2338271	A	19770916			197744	
ZA 7700057	A	19771017			197750	
GB 1526331	A	19780927			197839	
US 4136193	A	19790123			197905	
AT 7609472	A	19800415			198019	
AT 7905719	A	19800515			198023	
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CA 1094087	A	19810120			198109	
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CH 632259	A	19820930			198241	
DE 2657013	C	19851114			198547	
JP 86035986	B	19860815			198637	
NL 192451	B	19970401	NL 77244	A	19770112	199718

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Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
NL 192451 B C07D-307/87

Abstract (Basic): BE 850401 A

1-(3-Dimethylaminopropyl)-1-(4-substd. phenyl)-phthalones of formula (I) and their acid addition salts are novel: (where R1,R2 = halo, CF<sub>3</sub>, cyano or R-CO and R = 1-4C alkyl).

Cpds. are antidepressants which are strong tryptophane and 5-hydroxy-triptophane potentiators but have practically no potentialising effect on noradrenalin or adrenalin. They are administered orally (in unit doses of 0.1-50 mg, pref. 0.5-25mg to give a daily dose of 0.5-300mg) or parenterally. (I) may be administered with other active cpds. partic. thymoleptics or neuroleptics such as imipramine, amitriptyline or nortriptyline.

A specific cpd. (I) is 1-(4'-fluorophenyl)-1-(3-dimethyl-aminopropyl)-5-phthalane-carbonitrile.

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